

[illegible]

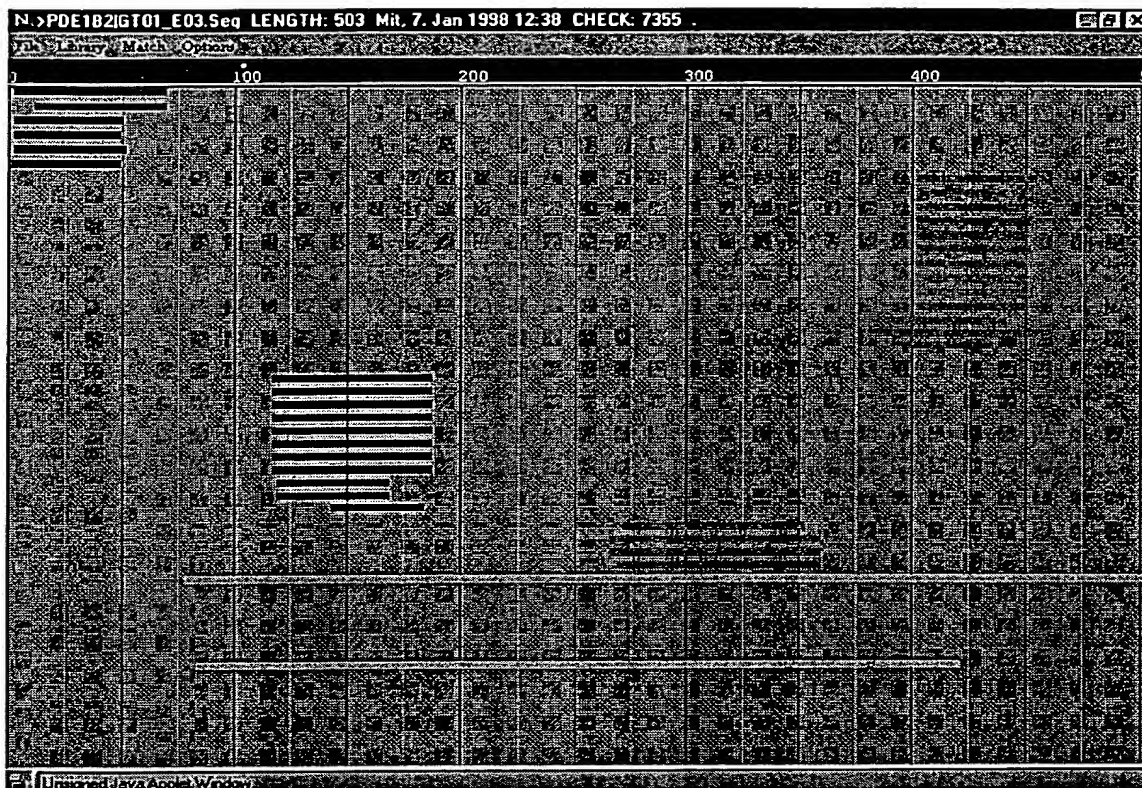
[illegible]

Figure 3

PDE 1A  
Subtypes

Bovine



Bovine



Human



Murine



Human



Figure 4A

## N-terminal sequences of PDE1A splice variants

PDE1A3\_ 1 MGSSATEIEELENTTFKYLTEGEQTEKMWQRLKGILRCLVKQLERQDVNVVDLKKNIEYAA  
 PDE1A5\_ 1 MDDHVTIRKKHLQRPIFRLRCLVKQLERQDVNVVDLKKNIEYAA  
 \*\*\*\*\*

Figure 4B

## N-terminal sequences of PDE1B splice variants

PDE1B1\_ 1 MELSPRSPPEMLEESDCPSPLELKSAPSKKMWIKLRSLRLRYMVKQLENGEINIEELKKNL  
 PDE1B2\_ 1 MANPVPVQRSHLQGPILRLRYMVKQLENGEINIEELKKNL  
 \*\*\*\*\*

Figure 4C

## Comparison of the CaM binding domains of the PDE1A1 and PDE1B2 splice variants

PDE1A1 1 MDDHVTIRKKHLQRPIFRLRCLVKQLEKSDVNVIDLKKN  
 PDE1B2 1 MANPVPVQRSHLQGPILRLRYMVKQLENGEINIEELKKN  
 \* \* \* \* \*

Figure 4D

## Comparison of the CaM binding domains of the PDE1A2 and PDE1B1 splice variants.

PDE1A2 1 MGSTATETEELNTTFKYLIGEQTAKMWQRLKGILRCLVKQLEKSDVNVIDLKKNIE  
 PDE1B1 1 MELSPRSPPEMLEESDCPSPLELKSAPSKKMWIKLRSLRLRYMVKQLENGEVNIIEELKKNLE  
 \* \* \* \* \*

Figure 5

